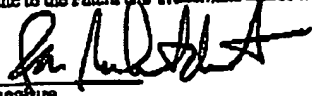


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<u>May 3, 2006</u> Date	 Signature

MAY 03 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.: 10/754,302 Confirmation No.: 8313
 Applicant: Keith Alan Moriarty
 Filed: January 9th 2004
 TC/A.U. 3672
 Examiner: Nueder, William P.

Docket No.: 19.0321 US

Customer No.:

Title: METHODS OF CASING DRILING

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

**PETITION FOR EXTENSION OF TIME TO RESPOND AND
 RESPONSE TO OFFICE ACTION DATED NOVEMBER 4, 2005**

Sir:

This is in response to the Office Action dated November 4th 2005, for which the three-month date for response is February 4th, 2006. A request for a three (3) month extension of the time to respond to the Official Action is hereby made, bringing the date for response to May 4th 2006. Please apply any charges not covered, such as the three-month extension fee, or any credits, to Deposit Account 50-2898 (Reference Number 19.0321).

Remarks/Arguments begin on page 2 of this paper.

Duplicate for Deposit Account †

Appl. No. 10/754,302
Reply Dated May, 2006
Reply to Office Action Dated November 4th, 2005

a direction opposite any rotation of the casing string, the second cutter device configured to rotate with the rotation of the casing string..." In fact, Chen teaches away from such a feature by providing that the bit and under-reamer are both coupled to the motor rotor shaft and therefore must turn in the same direction as they are fixed in position. Moreover, one skilled in the art would not seek to modify Chen as the entire disclosure is directed towards such a coupling. The modifications would require a re-think of the concept behind the design bent sub for directional drilling where our claims for this method intend to hold vertical using the counter-rotating principles as discussed.

Applicant also points out the differences between the pending claims and Chen referred to in the preceding paragraph. Applicant respectfully submits that it would not be obvious to one of ordinary skill to modify Chen, as Chen requires the bit and under-reamer are both coupled to the motor rotor shaft and thus must rotate in the same direction.

Applicant respectfully requests that a timely Notice of Allowance be issued in this case. Applicant believes this reply to be fully responsive to all outstanding issues and place this application in condition for allowance. If this belief is incorrect, or other issues arise, do not hesitate to contact the undersigned at the telephone number listed below.

Date: 3-may-06

Respectfully submitted,



Victor H. Segura, Reg. No. 44,329
Schlumberger Technology Corporation
200 Gillingham Lane, MD #9
Sugar Land, TX 77478
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Facsimile: (281) 285-8821

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 968

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Moriarty
Examiner Name	
Art Unit	
Attorney Docket No.	19.0321

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

Deposit Account:

Deposit Account Number: 50-2898
Deposit Account Name: STONEHOUSE SCHLUMBERGER TECHNOLOGY CORPORATION

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments

Charge any additional fee(s) or any underpayment of fee(s)

Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	770
1002 340	2002 170	Design filing fee	
1003 530	2003 285	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$ 770)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
24	-20** = 4	18	72
Independent Claims	4	-3** = 1	86
Multiple Dependent			

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 86	2201 43	Independent claims in excess of 3	
1203 290	2203 145	Multiple dependent claim, if not paid	
1204 86	2204 43	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)			(\$ 158)

**or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	40
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40)

SUBMITTED BY

Name (Print/Type)	Tim W. Curington	Registration No. (Attorney/Agent)	45,944	Telephone	12812857067
Signature		Date	1-7-04		

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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